Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
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2 September, 2003

Bruce Lewis
Environmental Resources Management
2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833

RE: Aerojet RI/FS
Work Order: P308192

Enclosed are the results of analyses for samples received by the laboratory on 08/08/03 14:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angelee Cari
Project Manager

CA ELAP Certificate #2374

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
39D-SB01-2.5	P308192-01	Soil	08/08/03 08:34	08/08/03 14:30
39D-SB01-5	P308192-02	Soil	08/08/03 08:44	08/08/03 14:30
39D-SB01-10	P308192-03	Soil	08/08/03 08:54	08/08/03 14:30
39D-SB01-15	P308192-04	Soil	08/08/03 10:12	08/08/03 14:30
39D-SB01-20	P308192-05	Soil	08/08/03 10:40	08/08/03 14:30
39D-SB01-25	P308192-06	Soil	08/08/03 11:00	08/08/03 14:30
39D-SB01D-25	P308192-07	Soil	08/08/03 11:00	08/08/03 14:30
39D-SB01-30	P308192-08	Soil	08/08/03 11:11	08/08/03 14:30
39D-SB01-35	P308192-09	Soil	08/08/03 11:35	08/08/03 14:30
39D-SB01-40	P308192-10	Soil	08/08/03 11:52	08/08/03 14:30
39D-SB01-45E	P308192-11	Water	08/08/03 12:16	08/08/03 14:30

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Tentatively Identified Compounds by GC/MS
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-2.5 (P308192-01) Soil Sampled: 08/08/03 08:34 Received: 08/08/03 14:30										
No TICs found	ND		300	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
39D-SB01-5 (P308192-02) Soil Sampled: 08/08/03 08:44 Received: 08/08/03 14:30										
No TICs found	ND		300	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
39D-SB01-10 (P308192-03) Soil Sampled: 08/08/03 08:54 Received: 08/08/03 14:30										
No TICs found	ND		300	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
39D-SB01-15 (P308192-04) Soil Sampled: 08/08/03 10:12 Received: 08/08/03 14:30										
No TICs found	ND		300	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
39D-SB01-20 (P308192-05) Soil Sampled: 08/08/03 10:40 Received: 08/08/03 14:30										
No TICs found	ND		300	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
39D-SB01-25 (P308192-06) Soil Sampled: 08/08/03 11:00 Received: 08/08/03 14:30										
No TICs found	ND		300	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
39D-SB01D-25 (P308192-07) Soil Sampled: 08/08/03 11:00 Received: 08/08/03 14:30										
No TICs found	ND		300	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
39D-SB01-30 (P308192-08) Soil Sampled: 08/08/03 11:11 Received: 08/08/03 14:30										
No TICs found	ND		300	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
39D-SB01-35 (P308192-09) Soil Sampled: 08/08/03 11:35 Received: 08/08/03 14:30										
No TICs found	ND		300	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Tentatively Identified Compounds by GC/MS
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-40 (P308192-10) Soil Sampled: 08/08/03 11:52 Received: 08/08/03 14:30										
No TICs found	ND		300	ug/kg	1	3080442	08/22/03	08/25/03	EPA 8270C	
39D-SB01-45E (P308192-11) Water Sampled: 08/08/03 12:16 Received: 08/08/03 14:30										
No TICs found	ND		10	ug/l	1	3080223	08/12/03	08/27/03	EPA 8270C	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-2.5 (P308192-01) Soil Sampled: 08/08/03 08:34 Received: 08/08/03 14:30										
Acenaphthene	ND	8.7	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	**100**	9.3	330	"	"	"	"	"	"	J
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-2.5 (P308192-01) Soil Sampled: 08/08/03 08:34 Received: 08/08/03 14:30										
2,6-Dinitrotoluene	ND	13	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*43 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*62 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*47 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*65 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*81 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*105 %*	*64-119*			"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-5 (P308192-02) Soil Sampled: 08/08/03 08:44 Received: 08/08/03 14:30										
Acenaphthene	ND	8.7	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	**68**	9.3	330	"	"	"	"	"	"	J
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-5 (P308192-02) Soil Sampled: 08/08/03 08:44 Received: 08/08/03 14:30										
2,6-Dinitrotoluene	ND	13	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*37 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*57 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*28 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*23 %*	*28-134*			"	"	"	"	*S-LIM*
Surrogate: 2,4,6-Tribromophenol		*71 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*106 %*	*64-119*			"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-10 (P308192-03) Soil Sampled: 08/08/03 08:54 Received: 08/08/03 14:30										
Acenaphthene	ND	8.7	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	**84**	9.3	330	"	"	"	"	"	"	J
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-10 (P308192-03) Soil Sampled: 08/08/03 08:54 Received: 08/08/03 14:30										
2,6-Dinitrotoluene	ND	13	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*50 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*69 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*42 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*42 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*83 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*111 %*	*64-119*			"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-15 (P308192-04) Soil Sampled: 08/08/03 10:12 Received: 08/08/03 14:30										
Acenaphthene	ND	8.7	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-15 (P308192-04) Soil Sampled: 08/08/03 10:12 Received: 08/08/03 14:30										
2,4-Dinitrotoluene	ND	20	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*35 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*52 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*30 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*27 %*	*28-134*			"	"	"	"	*S-LIM*
Surrogate: 2,4,6-Tribromophenol		*67 %*	*51-144*			"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-15 (P308192-04) Soil	**Sampled: 08/08/03 10:12**		**Received: 08/08/03 14:30**							
Surrogate: Terphenyl-d14		*100 %*	*64-119*			*3080396*	*08/21/03*	*08/28/03*	*EPA 8270C*	
39D-SB01-20 (P308192-05) Soil	**Sampled: 08/08/03 10:40**		**Received: 08/08/03 14:30**							
Acenaphthene	ND	8.7	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-20 (P308192-05) Soil Sampled: 08/08/03 10:40 Received: 08/08/03 14:30										
4,6-Dinitro-2-methylphenol	ND	17	1700	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*46 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*63 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*49 %*	*16-126*			"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-20 (P308192-05) Soil	**Sampled: 08/08/03 10:40**		**Received: 08/08/03 14:30**							
Surrogate: 2-Fluorobiphenyl		*47 %*	*28-134*			*3080396*	*08/21/03*	*08/28/03*	*EPA 8270C*	
Surrogate: 2,4,6-Tribromophenol		*53 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*101 %*	*64-119*			"	"	"	"	
39D-SB01-25 (P308192-06) Soil	**Sampled: 08/08/03 11:00**		**Received: 08/08/03 14:30**							
Acenaphthene	ND	8.7	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	**41**	14	330	"	"	"	"	"	"	J

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-25 (P308192-06) Soil	**Sampled: 08/08/03 11:00**		**Received: 08/08/03 14:30**							
2,4-Dimethylphenol	ND	36	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*58 %*	*11-120*			"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-25 (P308192-06) Soil Sampled: 08/08/03 11:00 Received: 08/08/03 14:30										
Surrogate: Phenol-d6		*72 %*	*16-130*			*3080396*	*08/21/03*	*08/28/03*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5		*56 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*54 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*82 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*107 %*	*64-119*			"	"	"	"	
39D-SB01D-25 (P308192-07) Soil Sampled: 08/08/03 11:00 Received: 08/08/03 14:30										
Acenaphthene	ND	8.7	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01D-25 (P308192-07) Soil	**Sampled: 08/08/03 11:00**	**Received: 08/08/03 14:30**								
2,4-Dichlorophenol	ND	15	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01D-25 (P308192-07) Soil Sampled: 08/08/03 11:00 Received: 08/08/03 14:30										
2,4,6-Trichlorophenol	ND	9.4	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
Surrogate: 2-Fluorophenol		*45 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*62 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*51 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*45 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*48 %*	*51-144*			"	"	"	"	*S-LIM*
Surrogate: Terphenyl-d14		*106 %*	*64-119*			"	"	"	"	
39D-SB01-30 (P308192-08) Soil Sampled: 08/08/03 11:11 Received: 08/08/03 14:30										
Acenaphthene	ND	8.7	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	**75**	9.3	330	"	"	"	"	"	"	J
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-30 (P308192-08) Soil Sampled: 08/08/03 11:11 Received: 08/08/03 14:30										
1,4-Dichlorobenzene	ND	15	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	**46**	14	330	"	"	"	"	"	"	J
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-30 (P308192-08) Soil Sampled: 08/08/03 11:11 Received: 08/08/03 14:30										
2,4,5-Trichlorophenol	ND	14	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*56 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*69 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*55 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*56 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*81 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*105 %*	*64-119*			"	"	"	"	
39D-SB01-35 (P308192-09) Soil Sampled: 08/08/03 11:35 Received: 08/08/03 14:30										
Acenaphthene	ND	8.7	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-35 (P308192-09) Soil Sampled: 08/08/03 11:35 Received: 08/08/03 14:30										
1,2-Dichlorobenzene	ND	16	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-35 (P308192-09) Soil Sampled: 08/08/03 11:35 Received: 08/08/03 14:30										
Phenol	ND	12	330	ug/kg	1	3080396	08/21/03	08/28/03	EPA 8270C	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*58 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*70 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*59 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*43 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*82 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*108 %*	*64-119*			"	"	"	"	
39D-SB01-40 (P308192-10) Soil Sampled: 08/08/03 11:52 Received: 08/08/03 14:30										
Aniline	ND	10	330	ug/kg	1	3080442	08/22/03	08/25/03	EPA 8270C	
Acenaphthene	ND	8.7	330	"	"	"	"	"	"	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-40 (P308192-10) Soil Sampled: 08/08/03 11:52 Received: 08/08/03 14:30										
Chrysene	ND	11	330	ug/kg	1	3080442	08/22/03	08/25/03	EPA 8270C	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-40 (P308192-10) Soil Sampled: 08/08/03 11:52 Received: 08/08/03 14:30										
N-Nitrosodiphenylamine	ND	17	330	ug/kg	1	3080442	08/22/03	08/25/03	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*69 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*78 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*85 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*87 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*99 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*115 %*	*64-119*			"	"	"	"	
39D-SB01-45E (P308192-11) Water Sampled: 08/08/03 12:16 Received: 08/08/03 14:30										
Acenaphthene	ND	1.2	10	ug/l	1	3080223	08/12/03	08/27/03	EPA 8270C	
Acenaphthylene	ND	1.4	10	"	"	"	"	"	"	
Anthracene	ND	0.60	10	"	"	"	"	"	"	
Azobenzene	ND	0.63	20	"	"	"	"	"	"	
Benzidine	ND	3.2	50	"	"	"	"	"	"	
Benzoic acid	ND	3.9	50	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.44	10	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	1.1	10	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.64	10	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.87	10	"	"	"	"	"	"	
Benzyl alcohol	ND	3.9	20	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	1.1	10	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	1.5	10	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	1.5	10	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	2.8	10	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.70	10	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	2.7	10	"	"	"	"	"	"	
4-Chloroaniline	ND	0.55	20	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	2.3	20	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-45E (P308192-11) Water	**Sampled: 08/08/03 12:16**		**Received: 08/08/03 14:30**							
2-Chloronaphthalene	ND	1.4	10	ug/l	1	3080223	08/12/03	08/27/03	EPA 8270C	
2-Chlorophenol	ND	0.31	10	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.97	10	"	"	"	"	"	"	
Chrysene	ND	0.45	10	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.55	10	"	"	"	"	"	"	
Dibenzofuran	ND	1.1	10	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	1.1	10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.8	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.8	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.8	10	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	2.9	20	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.47	10	"	"	"	"	"	"	
Diethyl phthalate	ND	0.42	10	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.4	10	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.56	10	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	3.4	50	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	2.3	50	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.82	10	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.76	10	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.81	10	"	"	"	"	"	"	
Fluoranthene	ND	0.44	10	"	"	"	"	"	"	
Fluorene	ND	1.0	10	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.79	10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.5	10	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.31	10	"	"	"	"	"	"	
Hexachloroethane	ND	1.7	10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.61	10	"	"	"	"	"	"	
Isophorone	ND	0.71	10	"	"	"	"	"	"	
2-Methylnaphthalene	ND	1.4	10	"	"	"	"	"	"	
2-Methylphenol	ND	3.4	10	"	"	"	"	"	"	
4-Methylphenol	ND	3.0	10	"	"	"	"	"	"	
Naphthalene	ND	1.6	10	"	"	"	"	"	"	
2-Nitroaniline	ND	0.69	50	"	"	"	"	"	"	
3-Nitroaniline	ND	0.54	50	"	"	"	"	"	"	
4-Nitroaniline	ND	0.61	50	"	"	"	"	"	"	
Nitrobenzene	ND	1.3	10	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
39D-SB01-45E (P308192-11) Water	**Sampled: 08/08/03 12:16**		**Received: 08/08/03 14:30**							
2-Nitrophenol	ND	0.42	10	ug/l	1	3080223	08/12/03	08/27/03	EPA 8270C	
4-Nitrophenol	ND	0.51	50	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	1.4	20	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	3.9	10	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.58	10	"	"	"	"	"	"	
Pentachlorophenol	ND	3.1	50	"	"	"	"	"	"	
Phenanthrene	ND	0.56	10	"	"	"	"	"	"	
Phenol	ND	0.48	10	"	"	"	"	"	"	
Pyrene	ND	0.28	10	"	"	"	"	"	"	
Pyridine	ND	3.8	10	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.7	10	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.61	10	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.31	10	"	"	"	"	"	"	
1,4-Dichlorobenzene-d4	**40**			"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*38 %*	*15-103*			"	"	"	"	
Surrogate: Phenol-d6		*61 %*	*18-115*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*79 %*	*39-103*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*78 %*	*40-124*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*93 %*	*11-142*			"	"	"	"	
Surrogate: Terphenyl-d14		*115 %*	*56-139*			"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Tentatively Identified Compounds by GC/MS - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080223 - EPA 3520B LiqLiquid											
Blank (3080223-BLK1)					Prepared: 08/12/03 Analyzed: 08/26/03						
No TICs found	ND		10	ug/l							
Batch 3080396 - EPA 3550A Sonication											
Blank (3080396-BLK1)					Prepared: 08/21/03 Analyzed: 08/27/03						
No TICs found	ND		300	ug/kg							
Batch 3080442 - EPA 3550A Sonication											
Blank (3080442-BLK1)					Prepared: 08/22/03 Analyzed: 08/25/03						
No TICs found	ND		300	ug/kg							

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080223 - EPA 3520B LiqLiquid											
Blank (3080223-BLK1)					Prepared: 08/12/03 Analyzed: 08/26/03						
Acenaphthene	ND	1.2	10	ug/l							
Acenaphthylene	ND	1.4	10	"							
Anthracene	ND	0.60	10	"							
Azobenzene	ND	0.63	20	"							
Benzidine	ND	3.2	50	"							
Benzoic acid	ND	3.9	50	"							
Benzo (a) anthracene	ND	0.44	10	"							
Benzo (b+k) fluoranthene (total)	ND	1.1	10	"							
Benzo (g,h,i) perylene	ND	0.64	10	"							
Benzo (a) pyrene	ND	0.87	10	"							
Benzyl alcohol	ND	3.9	20	"							
Bis(2-chloroethoxy)methane	ND	1.1	10	"							
Bis(2-chloroethyl)ether	ND	1.5	10	"							
Bis(2-chloroisopropyl)ether	ND	1.5	10	"							
Bis(2-ethylhexyl)phthalate	ND	2.8	10	"							
4-Bromophenyl phenyl ether	ND	0.70	10	"							
Butyl benzyl phthalate	ND	2.7	10	"							
4-Chloroaniline	ND	0.55	20	"							
4-Chloro-3-methylphenol	ND	2.3	20	"							
2-Chloronaphthalene	ND	1.4	10	"							
2-Chlorophenol	ND	0.31	10	"							
4-Chlorophenyl phenyl ether	ND	0.97	10	"							
Chrysene	ND	0.45	10	"							
Dibenz (a,h) anthracene	ND	0.55	10	"							
Dibenzofuran	ND	1.1	10	"							
Di-n-butyl phthalate	ND	1.1	10	"							
1,2-Dichlorobenzene	ND	1.8	10	"							
1,3-Dichlorobenzene	ND	1.8	10	"							
1,4-Dichlorobenzene	ND	1.8	10	"							
3,3´-Dichlorobenzidine	ND	2.9	20	"							
2,4-Dichlorophenol	ND	0.47	10	"							
Diethyl phthalate	ND	0.42	10	"							
2,4-Dimethylphenol	ND	1.4	10	"							
Dimethyl phthalate	ND	0.56	10	"							

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080223 - EPA 3520B LiqLiquid											
Blank (3080223-BLK1)					Prepared: 08/12/03 Analyzed: 08/26/03						
4,6-Dinitro-2-methylphenol	ND	3.4	50	ug/l							
2,4-Dinitrophenol	ND	2.3	50	"							
2,4-Dinitrotoluene	ND	0.82	10	"							
2,6-Dinitrotoluene	ND	0.76	10	"							
Di-n-octyl phthalate	ND	0.81	10	"							
Fluoranthene	ND	0.44	10	"							
Fluorene	ND	1.0	10	"							
Hexachlorobenzene	ND	0.79	10	"							
Hexachlorobutadiene	ND	1.5	10	"							
Hexachlorocyclopentadiene	ND	0.31	10	"							
Hexachloroethane	ND	1.7	10	"							
Indeno (1,2,3-cd) pyrene	ND	0.61	10	"							
Isophorone	ND	0.71	10	"							
2-Methylnaphthalene	ND	1.4	10	"							
2-Methylphenol	ND	3.4	10	"							
4-Methylphenol	ND	3.0	10	"							
Naphthalene	ND	1.6	10	"							
2-Nitroaniline	ND	0.69	50	"							
3-Nitroaniline	ND	0.54	50	"							
4-Nitroaniline	ND	0.61	50	"							
Nitrobenzene	ND	1.3	10	"							
2-Nitrophenol	ND	0.42	10	"							
4-Nitrophenol	ND	0.51	50	"							
N-Nitrosodimethylamine	ND	1.4	20	"							
N-Nitrosodiphenylamine	ND	3.9	10	"							
N-Nitrosodi-n-propylamine	ND	0.58	10	"							
Pentachlorophenol	ND	3.1	50	"							
Phenanthrene	ND	0.56	10	"							
Phenol	ND	0.48	10	"							
Pyrene	ND	0.28	10	"							
Pyridine	ND	3.8	10	"							
1,2,4-Trichlorobenzene	ND	1.7	10	"							
2,4,5-Trichlorophenol	ND	0.61	10	"							
2,4,6-Trichlorophenol	ND	0.31	10	"							

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080223 - EPA 3520B LiqLiquid											
Blank (3080223-BLK1)					Prepared: 08/12/03 Analyzed: 08/26/03						
Surrogate: 2-Fluorophenol	*80.9*			*ug/l*	*150*		*54*	*15-103*			
Surrogate: Phenol-d6	*101*			*"*	*150*		*67*	*18-115*			
Surrogate: Nitrobenzene-d5	*76.7*			*"*	*100*		*77*	*39-103*			
Surrogate: 2-Fluorobiphenyl	*73.5*			*"*	*100*		*74*	*40-124*			
Surrogate: 2,4,6-Tribromophenol	*124*			*"*	*150*		*83*	*11-142*			
Surrogate: Terphenyl-d14	*113*			*"*	*100*		*113*	*56-139*			
Laboratory Control Sample (3080223-BS1)					Prepared: 08/12/03 Analyzed: 08/26/03						
Acenaphthene	96.6	1.2	10	ug/l	100		97	58-120			
4-Chloro-3-methylphenol	104	2.3	20	"	100		104	51-116			
2-Chlorophenol	85.8	0.31	10	"	100		86	28-111			
1,4-Dichlorobenzene	79.9	1.8	10	"	100		80	29-108			
2,4-Dinitrotoluene	122	0.82	10	"	100		122	60-114			Q-LIM
4-Nitrophenol	102	0.51	50	"	100		102	25-148			
N-Nitrosodi-n-propylamine	88.1	0.58	10	"	100		88	29-119			
Pentachlorophenol	108	3.1	50	"	100		108	40-131			
Phenol	77.2	0.48	10	"	100		77	22-117			
Pyrene	116	0.28	10	"	100		116	52-127			
1,2,4-Trichlorobenzene	90.6	1.7	10	"	100		91	24-131			
Surrogate: 2-Fluorophenol	*100*			*"*	*150*		*67*	*15-103*			
Surrogate: Phenol-d6	*117*			*"*	*150*		*78*	*18-115*			
Surrogate: Nitrobenzene-d5	*93.3*			*"*	*100*		*93*	*39-103*			
Surrogate: 2-Fluorobiphenyl	*95.5*			*"*	*100*		*96*	*40-124*			
Surrogate: 2,4,6-Tribromophenol	*168*			*"*	*150*		*112*	*11-142*			
Surrogate: Terphenyl-d14	*116*			*"*	*100*		*116*	*56-139*			
Laboratory Control Sample Dup (3080223-BSD1)					Prepared: 08/12/03 Analyzed: 08/26/03						
Acenaphthene	99.4	1.2	10	ug/l	100		99	58-120	3	27	
4-Chloro-3-methylphenol	105	2.3	20	"	100		105	51-116	1	30	
2-Chlorophenol	87.0	0.31	10	"	100		87	28-111	1	39	
1,4-Dichlorobenzene	80.0	1.8	10	"	100		80	29-108	0.1	41	
2,4-Dinitrotoluene	125	0.82	10	"	100		125	60-114	2	22	Q-LIM
4-Nitrophenol	99.4	0.51	50	"	100		99	25-148	3	44	
N-Nitrosodi-n-propylamine	88.5	0.58	10	"	100		88	29-119	0.5	44	
Pentachlorophenol	110	3.1	50	"	100		110	40-131	2	33	

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080223 - EPA 3520B LiqLiquid											
Laboratory Control Sample Dup (3080223-BSD1)					Prepared: 08/12/03 Analyzed: 08/26/03						
Phenol	77.8	0.48	10	ug/l	100		78	22-117	0.8	33	
Pyrene	120	0.28	10	"	100		120	52-127	3	25	
1,2,4-Trichlorobenzene	90.2	1.7	10	"	100		90	24-131	0.4	48	
Surrogate: 2-Fluorophenol	*101*			"	*150*		*67*	*15-103*			
Surrogate: Phenol-d6	*117*			"	*150*		*78*	*18-115*			
Surrogate: Nitrobenzene-d5	*93.5*			"	*100*		*94*	*39-103*			
Surrogate: 2-Fluorobiphenyl	*98.4*			"	*100*		*98*	*40-124*			
Surrogate: 2,4,6-Tribromophenol	*168*			"	*150*		*112*	*11-142*			
Surrogate: Terphenyl-d14	*120*			"	*100*		*120*	*56-139*			
Batch 3080396 - EPA 3550A Sonication											
Blank (3080396-BLK1)					Prepared: 08/21/03 Analyzed: 08/27/03						
Acenaphthene	ND	8.7	330	ug/kg							
Acenaphthylene	ND	7.6	330	"							
Anthracene	ND	14	330	"							
Azobenzene	ND	20	330	"							
Benzidine	ND	1700	1700	"							
Benzoic acid	ND	2.7	1700	"							
Benzo (a) anthracene	ND	7.6	330	"							
Benzo (b+k) fluoranthene (total)	ND	13	330	"							
Benzo (g,h,i) perylene	ND	8.8	330	"							
Benzo (a) pyrene	ND	10	330	"							
Benzyl alcohol	ND	11	660	"							
Bis(2-chloroethoxy)methane	ND	9.1	330	"							
Bis(2-chloroethyl)ether	ND	15	330	"							
Bis(2-chloroisopropyl)ether	ND	16	330	"							
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"							
4-Bromophenyl phenyl ether	ND	13	330	"							
Butyl benzyl phthalate	ND	11	330	"							
4-Chloroaniline	ND	58	660	"							
4-Chloro-3-methylphenol	ND	11	660	"							
2-Chloronaphthalene	ND	9.9	330	"							
2-Chlorophenol	ND	16	330	"							
4-Chlorophenyl phenyl ether	ND	13	330	"							

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080396 - EPA 3550A Sonication											
Blank (3080396-BLK1)					Prepared: 08/21/03 Analyzed: 08/27/03						
Chrysene	ND	11	330	ug/kg							
Dibenz (a,h) anthracene	ND	18	330	"							
Dibenzofuran	ND	9.6	330	"							
Di-n-butyl phthalate	ND	12	330	"							
1,2-Dichlorobenzene	ND	16	330	"							
1,3-Dichlorobenzene	ND	14	330	"							
1,4-Dichlorobenzene	ND	15	330	"							
3,3´-Dichlorobenzidine	ND	44	660	"							
2,4-Dichlorophenol	ND	15	330	"							
Diethyl phthalate	ND	14	330	"							
2,4-Dimethylphenol	ND	36	330	"							
Dimethyl phthalate	ND	11	330	"							
4,6-Dinitro-2-methylphenol	ND	17	1700	"							
2,4-Dinitrophenol	ND	10	1700	"							
2,4-Dinitrotoluene	ND	20	330	"							
2,6-Dinitrotoluene	ND	13	330	"							
Di-n-octyl phthalate	ND	11	330	"							
Fluoranthene	ND	11	330	"							
Fluorene	ND	7.9	330	"							
Hexachlorobenzene	ND	15	330	"							
Hexachlorobutadiene	ND	17	330	"							
Hexachlorocyclopentadiene	ND	10	330	"							
Hexachloroethane	ND	17	330	"							
Indeno (1,2,3-cd) pyrene	ND	11	330	"							
Isophorone	ND	14	330	"							
2-Methylnaphthalene	ND	10	330	"							
2-Methylphenol	ND	16	330	"							
4-Methylphenol	ND	11	330	"							
Naphthalene	ND	13	330	"							
2-Nitroaniline	ND	17	1700	"							
3-Nitroaniline	ND	18	1700	"							
4-Nitroaniline	ND	22	1700	"							
Nitrobenzene	ND	16	330	"							
2-Nitrophenol	ND	14	330	"							

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080396 - EPA 3550A Sonication											
Blank (3080396-BLK1)					Prepared: 08/21/03 Analyzed: 08/27/03						
4-Nitrophenol	ND	23	1700	ug/kg							
N-Nitrosodimethylamine	ND	16	330	"							
N-Nitrosodiphenylamine	ND	17	330	"							
N-Nitrosodi-n-propylamine	ND	15	330	"							
Pentachlorophenol	ND	12	1700	"							
Phenanthrene	ND	14	330	"							
Phenol	ND	12	330	"							
Pyrene	ND	12	330	"							
1,2,4-Trichlorobenzene	ND	15	330	"							
2,4,5-Trichlorophenol	ND	14	330	"							
2,4,6-Trichlorophenol	ND	9.4	330	"							
Surrogate: 2-Fluorophenol	*2640*			"	*5000*		*53*	*11-120*			
Surrogate: Phenol-d6	*3060*			"	*5000*		*61*	*16-130*			
Surrogate: Nitrobenzene-d5	*2060*			"	*3330*		*62*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2310*			"	*3330*		*69*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*3840*			"	*5000*		*77*	*51-144*			
Surrogate: Terphenyl-d14	*3290*			"	*3330*		*99*	*64-119*			
Laboratory Control Sample (3080396-BS1)					Prepared: 08/21/03 Analyzed: 08/27/03						
Acenaphthene	2770	8.7	330	ug/kg	3330		83	34-114			
4-Chloro-3-methylphenol	2890	11	660	"	3330		87	24-118			
2-Chlorophenol	2420	16	330	"	3330		73	29-101			
1,4-Dichlorobenzene	2270	15	330	"	3330		68	25-104			
2,4-Dinitrotoluene	3520	20	330	"	3330		106	42-116			
4-Nitrophenol	3180	23	1700	"	3330		95	31-109			
N-Nitrosodi-n-propylamine	2510	15	330	"	3330		75	23-117			
Pentachlorophenol	3160	12	1700	"	3330		95	34-114			
Phenol	2340	12	330	"	3330		70	20-105			
Pyrene	3500	12	330	"	3330		105	30-124			
1,2,4-Trichlorobenzene	2610	15	330	"	3330		78	28-112			
Surrogate: 2-Fluorophenol	*3070*			"	*5000*		*61*	*11-120*			
Surrogate: Phenol-d6	*3310*			"	*5000*		*66*	*16-130*			
Surrogate: Nitrobenzene-d5	*2430*			"	*3330*		*73*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2600*			"	*3330*		*78*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*4690*			"	*5000*		*94*	*51-144*			

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080396 - EPA 3550A Sonication											
Laboratory Control Sample (3080396-BS1)					Prepared: 08/21/03 Analyzed: 08/27/03						
Surrogate: Terphenyl-d14	*3410*			*ug/kg*	*3330*		*102*	*64-119*			
Matrix Spike (3080396-MS1)		**Source: P308184-01**			Prepared: 08/21/03 Analyzed: 08/27/03						
Acenaphthene	2760	8.7	330	ug/kg	3330	ND	83	30-110			
4-Chloro-3-methylphenol	2930	11	660	"	3330	ND	88	27-109			
2-Chlorophenol	2330	16	330	"	3330	ND	70	24-98			
1,4-Dichlorobenzene	1990	15	330	"	3330	ND	60	24-89			
2,4-Dinitrotoluene	3590	20	330	"	3330	ND	108	35-110			
4-Nitrophenol	3280	23	1700	"	3330	ND	98	20-110			
N-Nitrosodi-n-propylamine	2350	15	330	"	3330	ND	71	23-109			
Pentachlorophenol	3030	12	1700	"	3330	ND	91	25-123			
Phenol	2260	12	330	"	3330	ND	68	19-100			
Pyrene	3550	12	330	"	3330	ND	107	12-131			
1,2,4-Trichlorobenzene	2460	15	330	"	3330	ND	74	17-110			
Surrogate: 2-Fluorophenol	*3130*			*"*	*5000*		*63*	*11-120*			
Surrogate: Phenol-d6	*3450*			*"*	*5000*		*69*	*16-130*			
Surrogate: Nitrobenzene-d5	*2510*			*"*	*3330*		*75*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2690*			*"*	*3330*		*81*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*5150*			*"*	*5000*		*103*	*51-144*			
Surrogate: Terphenyl-d14	*3680*			*"*	*3330*		*111*	*64-119*			
Matrix Spike Dup (3080396-MSD1)		**Source: P308184-01**			Prepared: 08/21/03 Analyzed: 08/27/03						
Acenaphthene	3030	8.7	330	ug/kg	3330	ND	91	30-110	9	26	
4-Chloro-3-methylphenol	3190	11	660	"	3330	ND	96	27-109	8	21	
2-Chlorophenol	2580	16	330	"	3330	ND	77	24-98	10	27	
1,4-Dichlorobenzene	2180	15	330	"	3330	ND	65	24-89	9	25	
2,4-Dinitrotoluene	3690	20	330	"	3330	ND	111	35-110	3	15	QM-07
4-Nitrophenol	3280	23	1700	"	3330	ND	98	20-110	0	23	
N-Nitrosodi-n-propylamine	2660	15	330	"	3330	ND	80	23-109	12	31	
Pentachlorophenol	3120	12	1700	"	3330	ND	94	25-123	3	43	
Phenol	2440	12	330	"	3330	ND	73	19-100	8	21	
Pyrene	3550	12	330	"	3330	ND	107	12-131	0	26	
1,2,4-Trichlorobenzene	2750	15	330	"	3330	ND	83	17-110	11	30	
Surrogate: 2-Fluorophenol	*3420*			*"*	*5000*		*68*	*11-120*			
Surrogate: Phenol-d6	*3720*			*"*	*5000*		*74*	*16-130*			

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080396 - EPA 3550A Sonication											
Matrix Spike Dup (3080396-MSD1)	**Source: P308184-01**				Prepared: 08/21/03 Analyzed: 08/27/03						
Surrogate: Nitrobenzene-d5	*2790*			*ug/kg*	*3330*		*84*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2990*			*"*	*3330*		*90*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*5150*			*"*	*5000*		*103*	*51-144*			
Surrogate: Terphenyl-d14	*3680*			*"*	*3330*		*111*	*64-119*			
Batch 3080442 - EPA 3550A Sonication											
Blank (3080442-BLK1)					Prepared: 08/22/03 Analyzed: 08/25/03						
Aniline	ND	10	330	ug/kg							
Acenaphthene	ND	8.7	330	"							
Anthracene	ND	14	330	"							
Azobenzene	ND	20	330	"							
Benzidine	ND	1700	1700	"							
Benzoic acid	ND	2.7	1700	"							
Benzo (a) anthracene	ND	7.6	330	"							
Benzo (b+k) fluoranthene (total)	ND	13	330	"							
Benzo (g,h,i) perylene	ND	8.8	330	"							
Benzo (a) pyrene	ND	10	330	"							
Benzyl alcohol	ND	11	660	"							
Bis(2-chloroethyl)ether	ND	15	330	"							
Bis(2-chloroisopropyl)ether	ND	16	330	"							
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"							
Butyl benzyl phthalate	ND	11	330	"							
4-Chloroaniline	ND	58	660	"							
2-Chloronaphthalene	ND	9.9	330	"							
2-Chlorophenol	ND	16	330	"							
Chrysene	ND	11	330	"							
Dibenz (a,h) anthracene	ND	18	330	"							
Dibenzofuran	ND	9.6	330	"							
Di-n-butyl phthalate	ND	12	330	"							
1,2-Dichlorobenzene	ND	16	330	"							
1,3-Dichlorobenzene	ND	14	330	"							
1,4-Dichlorobenzene	ND	15	330	"							
3,3´-Dichlorobenzidine	ND	44	660	"							
2,4-Dichlorophenol	ND	15	330	"							

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

Sequoia Analytical

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080442 - EPA 3550A Sonication											
Blank (3080442-BLK1)					Prepared: 08/22/03 Analyzed: 08/25/03						
Diethyl phthalate	ND	14	330	ug/kg							
2,4-Dimethylphenol	ND	36	330	"							
Dimethyl phthalate	ND	11	330	"							
2,4-Dinitrophenol	ND	10	1700	"							
2,4-Dinitrotoluene	ND	20	330	"							
2,6-Dinitrotoluene	ND	13	330	"							
Di-n-octyl phthalate	ND	11	330	"							
Fluoranthene	ND	11	330	"							
Fluorene	ND	7.9	330	"							
Hexachlorobenzene	ND	15	330	"							
Hexachlorobutadiene	ND	17	330	"							
Hexachlorocyclopentadiene	ND	10	330	"							
Hexachloroethane	ND	17	330	"							
Indeno (1,2,3-cd) pyrene	ND	11	330	"							
Isophorone	ND	14	330	"							
2-Methylphenol	ND	16	330	"							
4-Methylphenol	ND	11	330	"							
Naphthalene	ND	13	330	"							
2-Nitroaniline	ND	17	1700	"							
Nitrobenzene	ND	16	330	"							
4-Nitrophenol	ND	23	1700	"							
N-Nitrosodiphenylamine	ND	17	330	"							
N-Nitrosodi-n-propylamine	ND	15	330	"							
Pentachlorophenol	ND	12	1700	"							
Phenol	ND	12	330	"							
Pyrene	ND	12	330	"							
1,2,4-Trichlorobenzene	ND	15	330	"							
2,4,5-Trichlorophenol	ND	14	330	"							
2,4,6-Trichlorophenol	ND	9.4	330	"							
Surrogate: 2-Fluorophenol	*2680*			*"*	*5000*		*54*	*11-120*			
Surrogate: Phenol-d6	*3110*			*"*	*5000*		*62*	*16-130*			
Surrogate: Nitrobenzene-d5	*2150*			*"*	*3330*		*65*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2460*			*"*	*3330*		*74*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*4360*			*"*	*5000*		*87*	*51-144*			

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080442 - EPA 3550A Sonication											
Blank (3080442-BLK1)					Prepared: 08/22/03 Analyzed: 08/25/03						
Surrogate: Terphenyl-d14	*3710*			*ug/kg*	*3330*		*111*	*64-119*			
Laboratory Control Sample (3080442-BS1)					Prepared: 08/22/03 Analyzed: 08/25/03						
Acenaphthene	2930	8.7	330	ug/kg	3330		88	34-114			
2-Chlorophenol	2470	16	330	"	3330		74	29-101			
1,4-Dichlorobenzene	2210	15	330	"	3330		66	25-104			
2,4-Dinitrotoluene	3640	20	330	"	3330		109	42-116			
4-Nitrophenol	3090	23	1700	"	3330		93	31-109			
N-Nitrosodi-n-propylamine	2600	15	330	"	3330		78	23-117			
Pentachlorophenol	3100	12	1700	"	3330		93	34-114			
Phenol	2370	12	330	"	3330		71	20-105			
Pyrene	3590	12	330	"	3330		108	30-124			
1,2,4-Trichlorobenzene	2650	15	330	"	3330		80	28-112			
Surrogate: 2-Fluorophenol	*3300*			*"*	*5000*		*66*	*11-120*			
Surrogate: Phenol-d6	*3530*			*"*	*5000*		*71*	*16-130*			
Surrogate: Nitrobenzene-d5	*2650*			*"*	*3330*		*80*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2900*			*"*	*3330*		*87*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*5000*			*"*	*5000*		*100*	*51-144*			
Surrogate: Terphenyl-d14	*3710*			*"*	*3330*		*111*	*64-119*			
Matrix Spike (3080442-MS1)	**Source: P308406-10**				Prepared: 08/22/03 Analyzed: 08/25/03						
Acenaphthene	3020	8.7	330	ug/kg	3330	ND	91	30-110			
2-Chlorophenol	2580	16	330	"	3330	ND	77	24-98			
1,4-Dichlorobenzene	2030	15	330	"	3330	ND	61	24-89			
2,4-Dinitrotoluene	3640	20	330	"	3330	ND	109	35-110			
4-Nitrophenol	3220	23	1700	"	3330	ND	97	20-110			
N-Nitrosodi-n-propylamine	2720	15	330	"	3330	ND	82	23-109			
Pentachlorophenol	3280	12	1700	"	3330	ND	98	25-123			
Phenol	2450	12	330	"	3330	ND	74	19-100			
Pyrene	3590	12	330	"	3330	ND	108	12-131			
1,2,4-Trichlorobenzene	2660	15	330	"	3330	ND	80	17-110			
Surrogate: 2-Fluorophenol	*3390*			*"*	*5000*		*68*	*11-120*			
Surrogate: Phenol-d6	*3690*			*"*	*5000*		*74*	*16-130*			
Surrogate: Nitrobenzene-d5	*2790*			*"*	*3330*		*84*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*3040*			*"*	*3330*		*91*	*28-134*			

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080442 - EPA 3550A Sonication											
Matrix Spike (3080442-MS1)	**Source: P308406-10**				Prepared: 08/22/03 Analyzed: 08/25/03						
Surrogate: 2,4,6-Tribromophenol	*5230*			*ug/kg*	*5000*		*105*	*51-144*			
Surrogate: Terphenyl-d14	*3810*			*"*	*3330*		*114*	*64-119*			
Matrix Spike (3080442-MS2)	**Source: P308406-11**				Prepared: 08/22/03 Analyzed: 08/25/03						
Acenaphthene	2930	8.7	330	ug/kg	3330	ND	88	30-110			
2-Chlorophenol	2420	16	330	"	3330	ND	73	24-98			
1,4-Dichlorobenzene	1940	15	330	"	3330	ND	58	24-89			
2,4-Dinitrotoluene	3450	20	330	"	3330	ND	104	35-110			
4-Nitrophenol	3060	23	1700	"	3330	ND	92	20-110			
N-Nitrosodi-n-propylamine	2580	15	330	"	3330	ND	77	23-109			
Pentachlorophenol	3140	12	1700	"	3330	ND	94	25-123			
Phenol	2350	12	330	"	3330	ND	71	19-100			
Pyrene	3500	12	330	"	3330	ND	105	12-131			
1,2,4-Trichlorobenzene	2520	15	330	"	3330	ND	76	17-110			
Surrogate: 2-Fluorophenol	*3180*			*"*	*5000*		*64*	*11-120*			
Surrogate: Phenol-d6	*3540*			*"*	*5000*		*71*	*16-130*			
Surrogate: Nitrobenzene-d5	*2600*			*"*	*3330*		*78*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2870*			*"*	*3330*		*86*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*5040*			*"*	*5000*		*101*	*51-144*			
Surrogate: Terphenyl-d14	*3630*			*"*	*3330*		*109*	*64-119*			
Matrix Spike (3080442-MS3)	**Source: P308406-12**				Prepared: 08/22/03 Analyzed: 08/25/03						
Acenaphthene	2850	8.7	330	ug/kg	3330	ND	86	30-110			
2-Chlorophenol	2320	16	330	"	3330	ND	70	24-98			
1,4-Dichlorobenzene	1790	15	330	"	3330	ND	54	24-89			
2,4-Dinitrotoluene	3540	20	330	"	3330	ND	106	35-110			
4-Nitrophenol	3100	23	1700	"	3330	ND	93	20-110			
N-Nitrosodi-n-propylamine	2440	15	330	"	3330	ND	73	23-109			
Pentachlorophenol	3190	12	1700	"	3330	ND	96	25-123			
Phenol	2290	12	330	"	3330	ND	69	19-100			
Pyrene	3570	12	330	"	3330	ND	107	12-131			
1,2,4-Trichlorobenzene	2360	15	330	"	3330	ND	71	17-110			
Surrogate: 2-Fluorophenol	*3080*			*"*	*5000*		*62*	*11-120*			
Surrogate: Phenol-d6	*3450*			*"*	*5000*		*69*	*16-130*			
Surrogate: Nitrobenzene-d5	*2550*			*"*	*3330*		*77*	*16-126*			

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080442 - EPA 3550A Sonication											
Matrix Spike (3080442-MS3)	**Source: P308406-12**				Prepared: 08/22/03 Analyzed: 08/25/03						
Surrogate: 2-Fluorobiphenyl	*2790*			*ug/kg*	*3330*		*84*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*5100*			*"*	*5000*		*102*	*51-144*			
Surrogate: Terphenyl-d14	*3650*			*"*	*3330*		*110*	*64-119*			
Matrix Spike Dup (3080442-MSD1)	**Source: P308406-10**				Prepared: 08/22/03 Analyzed: 08/25/03						
Acenaphthene	3110	8.7	330	ug/kg	3330	ND	93	30-110	3	26	
2-Chlorophenol	2670	16	330	"	3330	ND	80	24-98	3	27	
1,4-Dichlorobenzene	2160	15	330	"	3330	ND	65	24-89	6	25	
2,4-Dinitrotoluene	3740	20	330	"	3330	ND	112	35-110	3	15	QM-07
4-Nitrophenol	3220	23	1700	"	3330	ND	97	20-110	0	23	
N-Nitrosodi-n-propylamine	2740	15	330	"	3330	ND	82	23-109	0.7	31	
Pentachlorophenol	3400	12	1700	"	3330	ND	102	25-123	4	43	
Phenol	2520	12	330	"	3330	ND	76	19-100	3	21	
Pyrene	3670	12	330	"	3330	ND	110	12-131	2	26	
1,2,4-Trichlorobenzene	2820	15	330	"	3330	ND	85	17-110	6	30	
Surrogate: 2-Fluorophenol	*3570*			*"*	*5000*		*71*	*11-120*			
Surrogate: Phenol-d6	*3820*			*"*	*5000*		*76*	*16-130*			
Surrogate: Nitrobenzene-d5	*2910*			*"*	*3330*		*87*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*3120*			*"*	*3330*		*94*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*5440*			*"*	*5000*		*109*	*51-144*			
Surrogate: Terphenyl-d14	*3810*			*"*	*3330*		*114*	*64-119*			
Matrix Spike Dup (3080442-MSD2)	**Source: P308406-11**				Prepared: 08/22/03 Analyzed: 08/25/03						
Acenaphthene	2960	8.7	330	ug/kg	3330	ND	89	30-110	1	26	
2-Chlorophenol	2400	16	330	"	3330	ND	72	24-98	0.8	27	
1,4-Dichlorobenzene	1800	15	330	"	3330	ND	54	24-89	7	25	
2,4-Dinitrotoluene	3630	20	330	"	3330	ND	109	35-110	5	15	
4-Nitrophenol	3150	23	1700	"	3330	ND	95	20-110	3	23	
N-Nitrosodi-n-propylamine	2610	15	330	"	3330	ND	78	23-109	1	31	
Pentachlorophenol	3270	12	1700	"	3330	ND	98	25-123	4	43	
Phenol	2350	12	330	"	3330	ND	71	19-100	0	21	
Pyrene	3660	12	330	"	3330	ND	110	12-131	4	26	
1,2,4-Trichlorobenzene	2470	15	330	"	3330	ND	74	17-110	2	30	
Surrogate: 2-Fluorophenol	*3120*			*"*	*5000*		*62*	*11-120*			
Surrogate: Phenol-d6	*3560*			*"*	*5000*		*71*	*16-130*			

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Environmental Resources Management	Project: Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/02/03 17:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080442 - EPA 3550A Sonication											
Matrix Spike Dup (3080442-MSD2)	**Source: P308406-11**				Prepared: 08/22/03 Analyzed: 08/25/03						
Surrogate: Nitrobenzene-d5	*2660*			*ug/kg*	*3330*		*80*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2980*			*"*	*3330*		*89*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*5320*			*"*	*5000*		*106*	*51-144*			
Surrogate: Terphenyl-d14	*3740*			*"*	*3330*		*112*	*64-119*			
Matrix Spike Dup (3080442-MSD3)	**Source: P308406-12**				Prepared: 08/22/03 Analyzed: 08/25/03						
Acenaphthene	2910	8.7	330	ug/kg	3330	ND	87	30-110	2	26	
2-Chlorophenol	2450	16	330	"	3330	ND	74	24-98	5	27	
1,4-Dichlorobenzene	1910	15	330	"	3330	ND	57	24-89	6	25	
2,4-Dinitrotoluene	3590	20	330	"	3330	ND	108	35-110	1	15	
4-Nitrophenol	3130	23	1700	"	3330	ND	94	20-110	1	23	
N-Nitrosodi-n-propylamine	2590	15	330	"	3330	ND	78	23-109	6	31	
Pentachlorophenol	3260	12	1700	"	3330	ND	98	25-123	2	43	
Phenol	2380	12	330	"	3330	ND	71	19-100	4	21	
Pyrene	3610	12	330	"	3330	ND	108	12-131	1	26	
1,2,4-Trichlorobenzene	2520	15	330	"	3330	ND	76	17-110	7	30	
Surrogate: 2-Fluorophenol	*3290*			*"*	*5000*		*66*	*11-120*			
Surrogate: Phenol-d6	*3570*			*"*	*5000*		*71*	*16-130*			
Surrogate: Nitrobenzene-d5	*2670*			*"*	*3330*		*80*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2890*			*"*	*3330*		*87*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*5220*			*"*	*5000*		*104*	*51-144*			
Surrogate: Terphenyl-d14	*3670*			*"*	*3330*		*110*	*64-119*			

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Environmental Resources Management	Project:	Aerojet RI/FS	P308192
2525 Natomas Park Drive, Suite 350	Project Number:	N/A	**Reported:**
Sacramento CA, 95833	Project Manager:	Bruce Lewis	09/02/03 17:33

Notes and Definitions

J	Estimated value.
Q-LIM	The percent recovery was outside of the control limits. The samples results may still be useful for their intended purpose.
QM-07	The spike recovery was outside control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
S-LIM	The surrogate recovery was outside control limits. The result may still be useful for its intended purpose.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

GENCORP AEROJET

Chain of Custody Record

№ 1118

E.T.R. NO:

WORK ORDER NO: 4921.03

SOURCE SITE NO:

AUGER HOLE NO:

SAMPLERS (SIGNATURE) Kristina Williams

report TICS in SVOC analysis

COC SAMPLE ID	FIELD SAMPLE NO.	DEPTH (FT.)	DATE MM/DD/YY	TIME	TYPE OF CONTAINER	# OF SAMPLE CONTAINERS	SOIL TYPE (USCS CODE)	REQUESTED SAMPLE ANALYSES: VOLATILE ORGANICS EPA 8240	BNA's EPA 8270	METALS EPA 6010	PERCHLORATE EDL-SW-006	SVOCs 8270					LABORATORY QA/QC
1118 A	39D-SB01-2.5	2.5	08/08/03	0834	2x6" brass	1	GM					X	A3081	92			01
1118 B	39D-SB01-5	5	08/08/03	0844	2x6" brass	1	GM					X					02
1118 C	39D-SB01-10	10	08/08/03	0854	2x6" brass	1	GM					X					03
1118 D	39D-SB01-15	15	08/08/03	1012	2x6" brass	1	GM					X					04
1118 E	39D-SB01-20	20	08/08/03	1040	2x6" brass	1	SM					X					05
1118 F	39D-SB01-25	25	08/08/03	1100	2x6" brass	1	ML					X					06
1118 G	39D-SB01D-25	25	08/08/03	1100	2x6" brass	1	ML					X					07
1118 H	39D-SB01-30	30	08/08/03	1111	2x6" brass	1	GM					X					08
1118 I	39D-SB01-35	35	08/08/03	1135	2x6" brass	1	CL					X					09
1118 J	39D-SB01-40	40	08/08/03	1152	2x6" brass	1	SM					X					10
1118 K	39D-SB01-45E	[illegible]	08/08/03	1216	1L amber	1	—					X					11
1118 L	~~39D-SB01-45~~	~~45~~	~~08/08/03~~	~~1221~~	~~2x6" brass~~	~~1~~	~~—~~	~~KMW~~				~~X~~					
1118 M			/ /														
1118 N			/ /														
1118 O			/ /														
1118 P			/ /														
1118 Q			/ /														
TOTALS						10											

equip blank

sample not submitted, below water level

COOLER CUSTODY SEALS INTACT ☐

NOT INTACT ☐

COOLER TEMPERATURE 3.7 °c

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLE CONTAINERS:
Kristina Williams	8/8/03 1430	[signature] / Seaton	11
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	METHOD OF SHIPMENT:
[signature]	8/9/03 0740	Monica Gregg Seq St C	
RELINQUISHED BY: (SIGNATURE) Monica Gregg Seq St C	DATE/TIME 8/11/03 8-11 1240.	RECEIVED BY LABORATORY BY: (SIGNATURE) [signature] 8-11 1'	LABORATORY DELIVERED TO:

COMMENTS: [signature] 8-11 [signature] 8/11/03@1610

ORIGINAL – ENVIRONMENTAL OPERATIONS: WHITE 2ND COPY – LABORATORY: YELLOW 3RD COPY – SAMPLER: PINK

7.87.35 v. 4

GENCORP
AEROJET

Chain of Custody Record

№ 1118

E.T.R. NO:

WORK ORDER NO: 4921.03

SOURCE SITE NO:

AUGER HOLE NO:

SAMPLERS (SIGNATURE) Kristina Williams

report TICS in SVOC analysis

P308192

COC SAMPLE ID	FIELD SAMPLE NO.	DEPTH (FT.)	DATE MM/DD/YY	TIME	TYPE OF CONTAINER	# OF SAMPLE CONTAINERS	SOIL TYPE (USCS CODE)	REQUESTED SAMPLE ANALYSES: VOLATILE ORGANICS EPA 8240	BNA's EPA 8270	METALS EPA 6010	PERCHLORATE EDL-SW-006	SVOCs 8270	LABORATORY QA/QC	REMARKS
1118 A	39D-SB01-2.5	2.5	08/08/03	0834	2x6" brass	1	GM					X		
1118 B	39D-SB01-5	5	08/08/03	0844	2x6" brass	1	GM					X		
1118 C	39D-SB01-10	10	08/08/03	0854	2x6" brass	1	GM					X		
1118 D	39D-SB01-15	15	08/08/03	1012	2x6" brass	1	GM					X		
1118 E	39D-SB01-20	20	08/08/03	1040	2x6" brass	1	SM					X		
1118 F	39D-SB01-25	25	08/08/03	1100	2x6" brass	1	ML					X		
1118 G	39D-SB01D-25	25	08/08/03	1100	2x6" brass	1	ML					X		
1118 H	39D-SB01-30	30	08/08/03	1111	2x6" brass	1	GM					X		
1118 I	39D-SB01-35	35	08/08/03	1135	2x6" brass	1	CL					X		
1118 J	39D-SB01-40	40	08/08/03	1152	2x6" brass	1	SM					X		
1118 K	39D-SB01-45E	[redacted]	08/08/03	1216	4" Lamber	1	—					X		equip blank
1118 L	~~39D-SB01-45~~	~~45~~	~~08/08/03~~	1221	2x6" brass	1		KMW				X		sample not submitted, below water level
1118 M			/ /											
1118 N			/ /											
1118 O			/ /											
1118 P			/ /											
1118 Q			/ /											
TOTALS						11								

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLE CONTAINERS:
Kristina Williams	8/8/03 1430	[signature] Seegson	11
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	METHOD OF SHIPMENT:
[signature]	8/9/03 0740	Monica Gregson Seegs+C	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME 8/11/03	RECEIVED BY LABORATORY BY: (SIGNATURE)	LABORATORY DELIVERED TO:
Monica Gregson Seegs+C	8-11 1240.	[signature] 8-11 1'	

COMMENTS:

[signature] 8-11

ORIGINAL – ENVIRONMENTAL OPERATIONS: *WHITE* 2ND COPY – LABORATORY: *YELLOW* 3RD COPY – SAMPLER: *PINK*

7.67.35 v. 4

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Aerojet
REC. BY (PRINT) SD
WORKORDER: P308192

DATE Received at Lab: 8/11/03
TIME Received at Lab: 1610
LOG IN DATE: 8-11-03

(Drinking water) for regulatory purposes: YES/NO
(Wastewater) for regulatory purposes: YES/NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	#	CLIENT ID	DESCRIPTION	SAMPLE MATRIX	DATE SAMPLED	CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*			39D-SB01-2.5	1xMC	S	8/8/03	
2. Chain-of-Custody (Present) / Absent*			5				
3. Traffic Reports or Packing List: Present / (Absent)			10				
4. Airbill: Airbill / Sticker Present / (Absent)			15				
5. Airbill #:			20				
6. Sample Labels: (Present) / Absent			SB01D-20				not on COC
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody			25				
8. Sample Condition: (Intact) / Broken* / Leaking*			30				
9. Does information on custody reports, traffic reports and sample labels agree? Yes / (No)			35				
10. Sample received within hold time: (Yes) / No*			40				
11. Proper Preservatives used: (Yes) / No*			45E	1x1LA	W	8/8/03	
12. Temp Rec. at Lab: 3.7 (Acceptance range for samples requiring thermal pres.:4+/-2°C) (Yes) / No*							

*If Circled, contact Project Manager and attach record of resolution.